



City of Chicago
Harold Washington, Mayor

Department of Health

Lonnie C. Edwards, M.D., M.P.A.
Commissioner

Bernard J. Turnock, M.D., M.P.H.
Deputy Commissioner

Steven Welch
Acting Deputy Commissioner

50 West Washington Street
Chicago, Illinois 60602
(312) 744-4323

MEMORANDUM

US EPA RECORDS CENTER REGION 5



485593

March 15, 1985
REF # 3111385

RECEIVED
MAR 18 1985

TO: Planning Group Members

FROM: Bernard J. Turnock, M.D., M.P.H.
Deputy Commissioner *B. Turnock* *Program Support Section*

SUBJECT: Summary of March 14, 1985 Soil Lead
Study Planning Meeting

Attendees:

The following agencies/organizations were represented at the initial planning meeting: U.S. EPA, Cook County Department of Public Health, Argonne Laboratories, Illinois Public Health Association, Illinois Department of Public Health, Chicago Department of Consumer Services, and Chicago Department of Health. In all, fifteen representatives from these agencies participated in the initial planning meeting.

Discussion:

The meeting was pretty wide open and informal. While the attached agenda was followed, there was much interesting discussion and debate on many non-agenda items as well.

Agreements:

1. There was a clear consensus over the need to know more about soil lead levels throughout the State of Illinois.
2. It was agreed that there was adequate interest in a joint study project that would examine issues of mutual concern as well as establish an initial database for more focused and specialized studies by one or more of the participating parties.
3. For samples to be analyzed, there will be standardized analytical techniques utilized, and splitting of some samples for quality control purposes between participating laboratories. At least initially, the Chicago Department of Health, Illinois Department of Public Health, Chicago Department of Consumer Services, and Argonne Laboratories expressed an interest in performing portions of the laboratory analyses. Doctor Hyman Orbach from the Chicago Department of Health will meet with the other laboratory representatives to work out a joint protocol for presentation at the next meeting of the planning group.



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4. Site identification for samples to be collected will initially involve 50 Chicago sites, 50 suburban (5 county SMSA) sites, and 50 down-state Illinois sites. Plans for identification of the specific sites will be explored at the next meeting.
5. Sampling protocols were also discussed and generally agreed upon. Four samples will be collected from each site. Each sample will include at least 30 grams of soil. Three samples will be surface soils collected at depths of no greater than 2 inches. A fourth sample will be a deeper sample from 10 to 12 inches below the surface.
6. Information necessary for each site and sample will need to be collected. Specific variables to be included in the variety of studies would include the following: regional location, use of land, other possible sources of lead contamination, distance from nearest roadway, presence of high traffic nearby, and years of use of land. A subgroup to develop an initial study designed for these variables will report back at the next meeting. That group will include Barney Turnock, Sara LaBelle, and Joe Seliber.
7. The group agreed to meet again on Tuesday, April 2, 1985, at 1:00 P.M. in Dr. Turnock's Office. At that time, the following actions will be taken:
 - a. Review and approval of laboratory analysis protocol.
 - b. Further discussion of site identification plans.
 - c. Review and approval of variables to be included and analyzed in the various studies.

Scheduled Time Frame:

It is hoped that sampling and analysis can begin within two weeks after the next meeting of the Planning Task Force.

Attachment



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A G E N D A

SOIL LEAD LEVELS IN PLAYGROUNDS

PLANNING MEETING

March 14, 1985

1:00 P.M.

Richard J. Daley Center
Rm. 221

1. PURPOSE: To determine soil lead levels present in representative play areas throughout the State of Illinois. This information is necessary to adequately assess potential health hazards that may be prevented or abated by appropriate measures.
2. SAMPLING PROTOCOL:
 - A. Existing Information
 - Soil levels
 - Play areas
 - B. Number Of Sites
 - Downstate Illinois
 - Suburban Chicago Area
 - City of Chicago
 - C. Collection Techniques
 - Locations
 - Depths
 - Amounts
 - Transport of Specimens
 - Identifying Information Required
 - D. Responsibilities And Timeframes
3. LABORATORY TESTING PROTOCOL:
 - A. Current Techniques
 - Illinois EPA
 - Argonne Laboratory
 - Illinois Department of Public Health
 - Chicago Department of Health
 - B. Capabilities Of Participants To Test Specimens
 - C. Responsibilities And Timeframes



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4. Review And Analysis Of Findings
 - A. Data To Be Collected
 - B. Review and Summary of Findings
 - C. Responsibilities and Timeframes
5. Additional Issues Raised By Participants
6. Summary And Adjournment